Bruhat Bangalore Mahanagara Palike

Excecutive Engineer Yelahanka Division

Improvements to roads, drains and other developmental works in Vaderahalli grama panchayathi limits under SWM head in Chief Minister Nava Nagarothan grants of Yelahanka division. (Package-09)

1	Improvements to roads and drains at Vaderahalli layout
2	Improvements to roads and drains at Vaderahalli Rainbow layout
3	Improvements to roads and drains at Muneshwara layout
4	Improvements to roads and drains at Medi agrahara village
5	Improvements to roads and drains at Medi agrahara Nirashrithara layout
6	Improvements to roads and drains at Syampura village
7	Improvements to roads and drains at Subedarapalya village
8	Improvements to roads and drains at Veerasagara village

Quantity Abstract (Estimate Wise)

Sl No	Description of Item	Unit	Improvements to roads and drains at Vaderahalli layout	Improvements to roads and drains at Vaderahalli Rainbow layout	Improvements to roads and drains at Muneshwara layout	Improvements to roads and drains at Medi agrahara village	Improvements to roads and drains at Medi agrahara Nirashrithara layout	Improvements to roads and drains at Syampura village	Improvements to roads and drains at Subedarapalya village	Improvements to roads and drains at Veerasagara village	Total Quantity as per Estimation	Rate, Rs	Amount, Rs
			1	2	3	4	5	6	7	8			
1	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (I No-19.1,P No-141), 10km lead = (1.28x2x10)+57.	Cum	1071.13	603.55	1317.11	818.65	508.39	453.15	877.83	920.75	6570.55	216.50	1422524.94
2	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications. Data Rate												
	a) 40mm Jelly	Cum	0.87	0.74	0.87	0.62	0.50	0.62	0.50	0.62	5.33	1901.00	10136.13
	b) 20mm Jelly	Cum	0.87	0.74	0.87	0.62	0.50	0.62	0.50	0.62	5.33	1901.00	10136.13
	c) Coarse sand.	Cum	0.65	0.56	0.65	0.47	0.37	0.47	0.37	0.47	4.00	2651.00	10601.35
	d) Fine Sand	Cum	0.43	0.37	0.43	0.31	0.25	0.31	0.25	0.31	2.67	2651.00	7067.57
	e) 12.5mm chips	Cum	0.65	0.56	0.65	0.47	0.37	0.47	0.37	0.47	4.00	1901.00	7602.10
3	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984- 995 with latest amendments and conveyingto work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bends, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. for : HDPE Grade PE80-PN6.0, 630 mm dia (Perforated Pipe for Rain Water Harvesting Pit) (BWSSB SR 2017-18, Pg No 121 Item No. 1.17 Code No. K010Q)	m	12.60	10.80	12.60	9.00	7.20	9.00	7.20	9.00	77.40	10822.32	837647.57

Sl No	Description of Item	Unit	Improvements to roads and drains at Vaderahalli layout	Improvements to roads and drains at Vaderahalli Rainbow layout	Improvements to roads and drains at Muneshwara layout	Improvements to roads and drains at Medi agrahara village	Improvements to roads and drains at Medi agrahara Nirashrithara layout	Improvements to roads and drains at Syampura village	Improvements to roads and drains at Subedarapalya village	Improvements to roads and drains at Veerasagara village	Total Quantity as per Estimation	Rate, Rs	Amount, Rs
			1	2	3	4	5	6	7	8			
4	Providing of Geonets for Rain Water Harvesting pit on top of the filter media as specified in drawings or as approved by Engineer Incharge. Data Rate	Sqm	2.17	1.86	2.17	1.55	1.24	1.55	1.24	1.55	13.33	71.03	946.83
5	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1.3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. (P.No-13,I No-4.2,KPWD SR 2018-19)	Cum	176.16	84.45	182.94	130.11	84.36	75.06	131.34	142.26	1006.68	5349.82	5385566.80
6	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm (I No-37.59.2,P No-271,KPWD SR 2018-19)	Cum	361.30	193.58	404.94	274.83	173.20	144.10	250.74	282.79	2085.48	6870.10	14327435.54
7	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200(I No-28.8.2,P No-229)	Ton	22.44	12.12	27.58	17.05	11.26	8.75	15.04	17.29	131.53	70279.99	9244196.26
8	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting , including form work, cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate)	Sqm	906.30	468.75	786.60	660.75	396.00	401.40	716.40	777.00	5113.20	2337.00	11949548.40
9	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)	Sqm	58.80	39.00	218.10	43.20	67.20	8.40		25.20	459.90	5418.00	2491738.20
10	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 10km lead= (I No-19.14,P No-143) 10km lead = (1.28x2x8)	Cum	992.45	937.92	3386.25	474.15	827.50	1646.13		490.50	8754.90	67.83	593844.53

Sl No	Description of Item	Unit	Improvements to roads and drains at Vaderahalli layout	Improvements to roads and drains at Vaderahalli Rainbow layout	Improvements to roads and drains at Muneshwara layout	Improvements to roads and drains at Medi agrahara village	Improvements to roads and drains at Medi agrahara Nirashrithara layout	Improvements to roads and drains at Syampura village	Improvements to roads and drains at Subedarapalya village	Improvements to roads and drains at Veerasagara village	Total Quantity as per Estimation	Rate, Rs	Amount, Rs
			1	2	3	4	5	6	7	8			
20	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803(P.No-182,I No-24.15)	Sqm	152.40	162.40	398.25	83.60	134.00	250.00		68.40	1249.05	441.87	551917.72
												Construction Cost	85279764.37
												12% GST	10233570.52
												5% Tender Premium	4263987.72
												DPR and PMC Cost Including GST	1718000.00
												Sub Total	101495312.62
												Miscellaneous	4687.38
												Grand Total	101500000.00

Technical Sanction
Accorded For RSIP/15CR
Head of A/C Annexure-S
CER NO : 222 Dt: 08.11.2019

[illegible] CE (YNK)

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019, issue rates dated 21-10-2019 and Data Rates

Ramanjeevaiah
Assistant Engineer
Yelahanka Division
BBMP Bangalore

Asst. Executive Engineer
Yelahanka Division
BBMP Bangalore

Executive Engineer
Yelahanka Division
BBMP Bangalore

Administrative Sanction for Rs 1015.00 lakhs
Ten crore fifteen lakhs
only
is accorded under head Navanagarothana
Annexure-S
Registered as CE No. ..... Subject
to conditions contained in enclosed memo
No EE/YNK/AS/104/2019-20 Dt 7/3/2020

Executive Engineer

Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Yelahanka Division

Improvements to roads, drains and other developmental works in Vaderahalli grama panchayathi limits under SWM head in Chief Minister Nava Nagarothan grants of Yelahanka division. (Package-09)

1	Improvements to roads and drains at Vaderahalli layout
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7	Improvements to roads and drains at Subedarapalya village
8	Improvements to roads and drains at Veerasagara village

Draft Tender Schedule

Item No	Description of work	Unit	Total Quantity as per Estimation	Rate as per estimate in Rs.	
				In Figures	In Words
1	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (I No-19.1,P No-141), 10km lead = (1.28x2x10)+57	Cum	6570.55	216.50	Rupees Two Hundred Sixteen And Paise Fifty Only
2	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications. Data Rate				
	a) 40mm Jelly	Cum	5.33	1901.00	Rupees One Thousand
	b) 20mm Jelly	Cum	5.33	1901.00	Rupees One Thousand
	c) Coarse sand.	Cum	4.00	2651.00	Rupees Two Thousand
	d) Fine Sand	Cum	2.67	2651.00	Rupees Two Thousand
	e) 12.5mm chips	Cum	4.00	1901.00	Rupees One Thousand
3	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984- 995 with latest amendments and conveyingto work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bends, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. for : HDPE Grade PE80-PN6.0, 630 mm dia. (Perforated Pipe for Rain Water Harvesting Pit) (BWSSB SR 2017-18, Pg No 121 Item No. 1.17 Code No. K010Q)	m	77.40	10822.32	Rupees Ten Thousand Eight Hundred Twenty Two And Paise Thirty Two Only
4	Providing of Geonets for Rain Water Harvesting pit on top of the filter media as specified in drawings or as approved by Engineer Incharge. Data Rate	Sqm	13.33	71.03	Rupees Seventy One And Paise Three Only
5	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. (P.No-13,I No-4.2,KPWD SR 2018-19)	Cum	1006.68	5349.82	Rupees Five Thousand Three Hundred Forty Nine And Paise Eighty Two Only
6	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm (I No-37.59.2,P No-271,KPWD SR 2018-19)	Cum	2085.48	6870.10	Rupees Six Thousand Eight Hundred Seventy And Paise Ten Only
7	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200(I No-28.8.2,P No-229)	Ton	131.53	70279.99	Rupees Seventy Thousand Two Hundred Seventy Nine And Paise Ninety Nine Only

17	KSRRB MS00-17 Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P.No-160,I No-21.17.6)	Cum	666.73	7218.	Thousand ighteen ty Four Only
18	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications (P.No-161,I No-21.7)	Sqm	13334.50	12.36	Rupees Twelve And Paise Thirty Six Only
19	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)(P.No-171,I No-21.78.12)	Cum	509.54	8453.21	Rupees Eight Thousand Four Hundred Fifty Three And Paise Twenty One Only
20	KSRRB MS00-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803(P.No-182,I No-24.15)	Sqm	1249.05	441.87	Rupees Four Hundred Forty One And Paise Eighty Seven Only

Executive Engineer,
Yelahanka Division
BBMP Bangalore

"DTS APPROVED"

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ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ.

Bruhat Bangalore Mahanagara Palike
Executive Engineer Yelahanka Division

Name of Work: Improvements to roads and drains at Vaderahalli layout.

Est Cost: 150.00 Lakhs

Sl No	Description of Item	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Civil Work								
1	KSRRB 300-1. **Earthwork excavation by manual means** for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (I No-19.1,P No-141), 10km lead = (1.28x2x10)+57.								
	Basic rate	130.00							
	Area Weightage 3%	3.90							
	Loading and Unloding & Lead	82.60							
	Total	**216.50**							
	CC Drain	**Cum**							
	Vaderahalli								
	Mn Rd Connecting Rd		1	174.00	1.10	0.90	172.26		
	Anganvadi Rd		1	114.00	1.00	0.90	102.60		
	Cross Rd		1	200.00	1.10	0.90	198.00		
	Seventh Day Church Surround								
	Rd A		2	56.00	1.10	0.90	110.88		
	Rd B		2	157.00	1.10	0.90	310.86		
	Rd C		2	28.00	1.10	0.90	55.44		
	Rd D		2	28.00	1.10	0.90	55.44		
	Rain Water Harvesting pits		7	0.31		1.80	3.91		
	Culvert		7	7.00	1.40	0.90	61.74		
							1071.13	**216.50**	**231898.78**
2	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications. Data Rate								
	Data rate	1901.00							
	a) 40mm Jelly	**Cum**	7	0.31		0.40	**0.87**	**1901**	**1,650.07**
	Data rate	1901.00							
	b) 20mm Jelly	**Cum**	7	0.31		0.40	**0.87**	**1901**	**1,650.07**
	Data rate	2651.00							
	c) Coarse sand.	**Cum**	7	0.31		0.30	**0.65**	**2651**	**1,725.80**
	Data rate	2651.00							
	d) Fine Sand	**Cum**	7	0.31		0.20	**0.43**	**2651**	**1,150.53**
	Data rate	1901.00							
	e) 12.5mm chips	**Cum**	7	0.31		0.30	**0.65**	**1901**	**1,237.55**

Sl No	Description of Item	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Rd D		1	28.00	5.00	0.15	21.00		
	Cross Rd		1	215.00	5.00	0.15	161.25		
							530.10	**5063.48**	**2684150.75**
14	KSRRB M800-13.**Road Marking with Hot Applied Thermoplastic Compound** with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803(P.No-182,I No-24.15)								
	Basic rate	429.00							
	Area Weightage 3%	12.87							
	Total	**441.87**							
		Sqm							
	Vaderahalli								
	Anganvadi Rd		2	114.00	0.10		22.80		
	Cross Rd		2	24.00	0.10		4.80		
	Mn Rd Connecting Rd		2	140.00	0.10		28.00		
	Seventh Day Church Surround								
	Rd A		2	56.00	0.10		11.20		
	Rd B		2	157.00	0.10		31.40		
	Rd C		2	28.00	0.10		5.60		
	Rd D		2	28.00	0.10		5.60		
	Cross Rd		2	215.00	0.10		43.00		
							152.40	441.87	67,340.99
								Total Construction Cost	12611918.90
								Towards GST 12%	1513430.27
								Tender premiun 5%	630595.95
								DPR and PMC Charges 2%	244000.00
								Sub Total	14999945.11
								Utility Shifting,Miscellaneous and Rounding off	54.89
								GRAND TOTAL	15000000.00

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019, issue rates dated 21-10-201 9 and Data Rates

Assistant Engineer

Asst. Executive Engineer

Executive Engineer
Yelahanka Division
BBMP Bangalore

Bruhat Bangalore Mahanagara Palike
Executive Engineer Yelahanka Division

Name of Work: Improvements to roads and drains at Vaderahalli Rainbow layout.

									Est Cost: 100.00 Lakhs
Sl No	Description of Item	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Civil Work								
1	KSRRB 300-1. **Earthwork excavation by manual means** for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (I No-19.1,P No-141), 10km lead = (1.28x2x10)+57.								
	Basic rate	130.00							
	Area Weightage 3%	3.90							
	Loading and Unloding & Lead	82.60							
	Total	**216.50**							
	CC Drain	**Cum**							
	Vaderahalli								
	Mathkuti Lt								
	Rd A		1	140.00	1.00	1.00	140.00		
	Rd B		1	165.00	1.00	1.00	165.00		
	Rd C		1	235.00	1.00	0.90	211.50		
	Rd D		1	35.00	1.00	0.90	31.50		
	Mn Rd, Opp Mangala Provision Store Desilt		1	50.00	0.45	0.50	11.25		
	Rain Water Harvesting pits		6	0.31		1.80	3.35		
	Culvert		5	6.50	1.40	0.90	40.95		
							603.55	**216.50**	**130668.14**
2	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications. Data Rate								
	Data rate	1901.00							
	a) 40mm Jelly	Cum	6	0.31		0.40	**0.74**	**1901**	**1,414.34**
	Data rate	1901.00							
	b) 20mm Jelly	Cum	6	0.31		0.40	**0.74**	**1901**	**1,414.34**
	Data rate	2651.00							
	c) Coarse sand.	Cum	6	0.31		0.30	**0.56**	**2651**	**1,479.26**
	Data rate	2651.00							
	d) Fine Sand	Cum	6	0.31		0.20	**0.37**	**2651**	**986.17**
	Data rate	1901.00							
	e) 12.5mm chips	Cum	6	0.31		0.30	**0.56**	**1901**	**1,060.76**

Sl No	Description of Item	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Total	441.87							
		Sqm							
	Vaderahalll								
	Alexandar house Rd		2	25.00	0.10		5.00		
	2nd Mn Nethaji Lt		2	134.00	0.10		26.80		
	Mathkuti Lt								
	Rd A		2	140.00	0.10		28.00		
	Rd B		2	170.00	0.10		34.00		
	Rd C		2	240.00	0.10		48.00		
	Rd D		2	40.00	0.10		8.00		
	Parvathamma house Rd		2	28.00	0.10		5.60		
	Cross Rd		2	35.00	0.10		7.00		
							162.40	441.87	71,759.69
								Total Construction Cost	8455114.58
								Towards GST 12%	1014613.75
								Tender premiun 5%	422755.73
								DPR and PMC Charges 2%	107000.00
								Sub Total	9999484.06
								Utility Shifting,Miscellaneous and Rounding off	515.94
								GRAND TOTAL	10000000.00

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019, issue rates dated 21-10-201 9 and Data Rates

Assistant Engineer

Asst. Executive Engineer

Executive Engineer
Yelahanka Division
BBMP Bangalore